

**SECRET****PRIORITY**

S E C R E T 091433Z APR 68 CITE [ ] 3444. 1968 APR 9 14 51Z  
 PRIORITY [ ]  
 ADEALIST [ ]

25X1

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OUT64791

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SUBJ: EVALUATION OF MISSION S018E

1. CAMERAS I3 AND I4 WERE USED ON MISSION S018E. FLOWN ON  
 27 MARCH 1968. PROCESSING WAS ACCOMPLISHED [ ]

25X1

## 2. ORIGINAL NEGATIVE:

A. THE MATERIAL APPEARS TO BE ADEQUATELY EXPOSED. THE  
 RESOLUTION IS GOOD EXCEPT FOR THE OUT-OF-FOCUS AREAS DESCRIBED IN  
 PARAGRAPH 2B.

B. CAMERA NUMBER I4: THERE IS AN OUT-OF-FOCUS AREA LOCATED  
 ALONG THE BINARY EDGE OF THE FORMAT, APPROXIMATELY 1.0 INCH FROM  
 THE TAKE UP END OF EVERY FRAME OF THE MISSION. THIS AREA IS ABOUT  
 1.5 INCHES LONG AND EXTENDS APPROXIMATELY 0.5 INCH INTO THE  
 ACTIVE FORMAT. ANOTHER OUT-OF-FOCUS AREA IS PRESENT ALONG THE TIME  
 TRACK EDGE ABOUT 1.0 INCH FROM THE TAKE UP END OF THE FORMAT.  
 THIS AREA IS APPROXIMATELY 2.0 INCHES LONG AND EXTENDS ABOUT 0.5  
 INCH INTO THE ACTIVE FORMAT. THIS CONDITION BEGINS MIDWAY THROUGH  
 THE MISSION. A MINUS DENSITY LINE IS PRESENT APPROXIMATELY 1.1

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	DIAP	25X1

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INCHES FROM THE BINARY EDGE OF EVERY FRAME. THIS LINE EXTENDS THE  
 LENGTH OF THE FRAME AND APPEARS TO FOLLOW THE PATH OF THE FIELD  
 FLATTENER. THE FREQUENCY MARKS ARE MISSING FOR ABOUT 1.5 INCHES  
 AT THE SUPPLY END OF EVERY FRAME. AN APPARENT SHUTTLE MECHANISM  
 FAILURE OCCURRED AT TITLED FRAME 798. FILM TRANSPORT AFTER THIS  
 POINT WAS NOT ACCOMPLISHED; HOWEVER, THE CAMERA CONTINUED TO  
 OPERATE RESULTING IN AN EXTREME OVEREXPOSURE OF FRAME 798. A  
 MANUFACTURING SPLICE IS PRESENT IN FRAME 173 AND A MYLAR SPLICE  
 IS PRESENT IN FRAME 281. TITLED FRAME NUMBER 2 CORRELATES WITH  
 COUNTER NUMBER 39. THE LAST TITLED FRAME IS 798.

C. CAMERA NUMBER I3: A MINUS DENSITY LINE APPROXIMATELY  
 1.25 INCHES FROM THE TIME TRACK EDGE, PARALLEL TO THE MAJOR AXIS  
 OF THE FILM, IS PRESENT ON EVERY FRAME OF THE MISSION. THIS LINE  
 APPEARS TO FOLLOW THE PATH OF THE FIELD FLATTENER. MINOR EDGE FOG  
 IS PRESENT ALONG BOTH FILM EDGES FOR THE FIRST 300 AND THE LAST  
 35 FRAMES OF THE MISSION. MYLAR SPLICES ARE PRESENT BETWEEN  
 FRAMES 101/102, 201/202 AND IN FRAME 666. TITLED FRAME NUMBER 2  
 CORRELATES WITH COUNTER NUMBER 35. THE LAST TITLED FRAME IS 1010.

D. BOTH CAMERAS: RAIL SCRATCHES ARE PRESENT ALONG BOTH FILM  
 EDGES THROUGHOUT THE MISSION. HEAVY BANDING IS APPARENT AT THE

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BEGINNING OF SCAN AND OCCASIONALLY NEAR THE FORMAT CENTER. THE FIRST  
 HALF OF FRAME ONE IS SERIOUSLY DEGRADED BY HEAVY FOGGING. IMAGERY  
 CANNOT BE DETECTED IN THIS AREA. AN ERROR WAS MADE IN TITLING THE  
 MISSION MATERIAL. THE MATERIAL TITLED FWD IS ACTUALLY THE AFT-  
 LOOKING CAMERA RECORD AND THE MATERIAL TITLED AFT IS ACTUALLY THE  
 FWD-LOOKING CAMERA RECORD.

## 3. POSITIVES:

A. THE PI SUITABILITY IS GOOD.

B. THE PRINTING AND PROCESSING WERE GOOD.

C. CLOUDS OBSCURE APPROXIMATELY 20 PERCENT OF THE ENTIRE

MISSION.

S E C R E T

END OF MESSAGE

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**SECRET**

GROUP 1  
 Excluded from automatic  
 downgrading and  
 declassification